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AMENDMENT

¹⁶
~~17~~. The kit of claim ¹⁴~~15~~, wherein the bead is made from material selected from the group consisting of silica gel, glass, magnet, p-benzyloxybenzyl alcohol copolystyrene-divinyl benzene (DVB) resin, chlorotriethylchloride copolystyrene-DVB resin, chloromethylated copolystyrene-DVB resin, metal, plastic, cellulose, cross-linked dextran, and agarose gel. —

Subt
B7
~~18~~. A composition, comprising a bead conjugated to a solid support and further conjugated to a nucleic acid, wherein conjugation effected with a crosslinking agent. —

Subt
B8
~~19~~. The method of claim ⁸~~9~~, wherein conjugation effected with a crosslinking agent. —

¹⁹
~~20~~. A composition, comprising a bead conjugated to a solid support and further conjugated to a nucleic acid molecule comprising protein nucleic acid. —

²⁰
~~21~~. A composition, comprising a bead conjugated to a solid support and further conjugated to a nucleic acid, wherein conjugation is effected through a photocleavable linkage. —

²¹
~~22~~. The composition of claim ²⁰~~21~~, wherein the linkage is cleaved by exposure to a laser. —

²⁰
~~23~~. The composition of claim ²⁰~~21~~, wherein the linkage is cleaved by exposure to electromagnetic radiation selected from ultraviolet, visible, infrared radiation or electromagnetic radiation generated by fluorescence or chemiluminescence, or combinations thereof. —

²³
~~24~~. A composition, comprising a bead conjugated to a solid support and further conjugated to a nucleic acid, wherein conjugation is effected through ionic linkages. —

I Please amend claims 1 and 9 as follows:

1. (Amended) A composition, comprising a bead conjugated to a solid support and further conjugated to a nucleic acid, wherein the solid support is